

Abstracts

Improvements in the Waveform Relaxation Method Applied to Transmission Lines (Short Papers)

F.C.M. Lau and E.M. Deeley. "Improvements in the Waveform Relaxation Method Applied to Transmission Lines (Short Papers)." 1995 Transactions on Microwave Theory and Techniques 43.5 (May 1995 [T-MTT]): 1201-1203.

The waveform relaxation method has been shown by Chang to have substantial advantages in computation terms when applied to transmission line problems. It is shown in the present paper that the algorithm can break down if d.c. components are present in the signal, and an improved algorithm is presented. Computational results are presented and compared with the HSPICE solution.

 [Return to main document.](#)